

ABSTRACT OF THE DISCLOSURE

A non-stick coating, which inhibits frozen moisture accumulation, is applied to exterior exposed portions of heating and cooling systems where ice or other frozen moisture can accumulate and impair system design operational efficiencies; where

5 heat exchange tubing and fins are downwardly sloped or angled; with an optional protective shell encasement which can be shaped to provide a vena contracta effect; with an optional electric fan to enhance airflow for heat exchange; with an optional electric vibrator to enhance inhibition of frozen moisture accumulation; with a downwardly sloped base to direct falling frozen moisture away from the heat

10 exchange equipment; for use in conjunction with an air source heat pump system, an evaporative cooling system or a chiller, or as a supplement to a water-source heat pump system or to a direct expansion heat pump system; and for use with any other refrigerant-based heating system or cooling system.